



WASHINGTON, DC

ORIGINAL

JUL 22 2013 A 6 31

F. SCOTT PIPPIN
202.416.1081
SPIPPIN@LERMANCENTER.COM

RECEIVED

July 22, 2013

VIA HAND DELIVERY

Marlene Dortch, Secretary
Federal Communications Commission
Media Bureau, Audio Division
445 12th Street, SW
Washington, DC 20554

ACCEPTED/FILED

JUL 22 2013

Federal Communications Commission
Office of the Secretary

Re: FCC Form 302-AM
Station WCTC(AM), Facility ID No. 55180, New Brunswick, NJ
Auxiliary Antenna – Direct Measurement

Dear Ms. Dortch:

On behalf of The Sentinel Publishing Co., licensee of radio broadcast Station WCTC(AM), New Brunswick, New Jersey (Facility ID No. 55180) (the "Station"), I am transmitting herewith an original and two copies of an application on FCC Form 302-AM for direct measurement of power for the station's auxiliary antenna.

Because this is an application for direct measurement, no application filing fee is being submitted with this application.

Please date-stamp the enclosed "Return Copy" of this filing and return it to the courier delivering this package.

Please contact me if you have any questions regarding this matter.

Sincerely,

A handwritten signature in blue ink, appearing to read 'F. Scott Pippin'.

F. Scott Pippin

FSP/gfe
Enclosures

Penny

ACCEPTED/FILED

Federal Communications Commission
Washington, D. C. 20554

Approved by OMB
3060-0627
Expires 01/31/98

FOR
FCC
USE
ONLY

JUL 22 2013

Federal Communications Commission
Office of the Secretary

Sw
7/25/13

FCC 302-AM
APPLICATION FOR AM
BROADCAST STATION LICENSE

(Please read instructions before filling out form.)

FOR COMMISSION USE ONLY

FILE NO. **B2-20130722 AFB**

SECTION I - APPLICANT FEE INFORMATION

1. PAYOR NAME (Last, First, Middle Initial)

The Sentinel Publishing Co.

MAILING ADDRESS (Line 1) (Maximum 35 characters)

35 BRAINTREE HILL OFFICE PARK

MAILING ADDRESS (Line 2) (Maximum 35 characters)

STE 300

CITY

Braintree

STATE OR COUNTRY (if foreign address)

MA

ZIP CODE

02184

TELEPHONE NUMBER (include area code)

7813488600

CALL LETTERS

WCTC

OTHER FCC IDENTIFIER (If applicable)

Facility ID No. 55180

2. A. Is a fee submitted with this application?

☐ Yes ☒ No

B. If No, indicate reason for fee exemption (see 47 C.F.R. Section

☐

Governmental Entity

☐

Noncommercial educational licensee

☒

Other (Please explain):

C. If Yes, provide the following information:

Direct Measurement Application Only

Enter in Column (A) the correct Fee Type Code for the service you are applying for. Fee Type Codes may be found in the "Mass Media Services Fee Filing Guide." Column (B) lists the Fee Multiple applicable for this application. Enter fee amount due in Column (C).

(A)

FEE TYPE CODE		

(B)

FEE MULTIPLE			
0	0	0	1

(C)

FEE DUE FOR FEE TYPE CODE IN COLUMN (A)
\$

FOR FCC USE ONLY

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To be used only when you are requesting concurrent actions which result in a requirement to list more than one Fee Type Code.

(A)

--	--	--

(B)

0	0	0	1
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(C)

\$

FOR FCC USE ONLY

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ADD ALL AMOUNTS SHOWN IN COLUMN C, AND ENTER THE TOTAL HERE. THIS AMOUNT SHOULD EQUAL YOUR ENCLOSED REMITTANCE.

TOTAL AMOUNT REMITTED WITH THIS APPLICATION

\$

FOR FCC USE ONLY

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SECTION II - APPLICANT INFORMATION		
1. NAME OF APPLICANT The Sentinel Publishing Co.		
MAILING ADDRESS 35 BRAINTREE HILL OFFICE PARK STE 300		
CITY Braintree	STATE MA	ZIP CODE 02184

2. This application is for:

- ☐ Commercial
 ☐ Noncommercial
☐ AM Directional
 ☒ AM Non-Directional

Call letters WCTC	Community of License New Brunswick, NJ	Construction Permit File No. N/A - Direct Measurement Application	Modification of Construction Permit File No(s). N/A	Expiration Date of Last Construction Permit N/A
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3. Is the station now operating pursuant to automatic program test authority in accordance with 47 C.F.R. Section 73.1620?

☐ Yes
 ☒ No

If No, explain in an Exhibit. Direct Measurement Application

Exhibit No.

4. Have all the terms, conditions, and obligations set forth in the above described construction permit been fully met?

☐ Yes
 ☐ No
 N/A

If No, state exceptions in an Exhibit.

Exhibit No.

5. Apart from the changes already reported, has any cause or circumstance arisen since the grant of the underlying construction permit which would result in any statement or representation contained in the construction permit application to be now incorrect?

☐ Yes
 ☐ No
 N/A

If Yes, explain in an Exhibit.

Exhibit No.

6. Has the permittee filed its Ownership Report (FCC Form 323) or ownership certification in accordance with 47 C.F.R. Section 73.3615(b)?

☐ Yes
 ☐ No

☒ Does not apply

If No, explain in an Exhibit.

Exhibit No.

7. Has an adverse finding been made or an adverse final action been taken by any court or administrative body with respect to the applicant or parties to the application in a civil or criminal proceeding, brought under the provisions of any law relating to the following: any felony; mass media related antitrust or unfair competition; fraudulent statements to another governmental unit; or discrimination?

☐ Yes
 ☒ No

Exhibit No.

If the answer is Yes, attach as an Exhibit a full disclosure of the persons and matters involved, including an identification of the court or administrative body and the proceeding (by dates and file numbers), and the disposition of the litigation. Where the requisite information has been earlier disclosed in connection with another application or as required by 47 U.S.C. Section 1.65(c), the applicant need only provide: (i) an identification of that previous submission by reference to the file number in the case of an application, the call letters of the station regarding which the application or Section 1.65 information was filed, and the date of filing; and (ii) the disposition of the previously reported matter.

8. Does the applicant, or any party to the application, have a petition on file to migrate to the expanded band (1605-1705 kHz) or a permit or license either in the existing band or expanded band that is held in combination (pursuant to the 5 year holding period allowed) with the AM facility proposed to be modified herein?

☐ Yes ☒ No

If Yes, provide particulars as an Exhibit.

Exhibit No.

The APPLICANT hereby waives any claim to the use of any particular frequency or of the electromagnetic spectrum as against the regulatory power of the United States because use of the same, whether by license or otherwise, and requests and authorization in accordance with this application. (See Section 304 of the Communications Act of 1934, as amended).

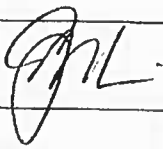
The APPLICANT acknowledges that all the statements made in this application and attached exhibits are considered material representations and that all the exhibits are a material part hereof and are incorporated herein as set out in full in

CERTIFICATION

1. By checking Yes, the applicant certifies, that, in the case of an individual applicant, he or she is not subject to a denial of federal benefits that includes FCC benefits pursuant to Section 5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C. Section 862, or, in the case of a non-individual applicant (e.g., corporation, partnership or other unincorporated association), no party to the application is subject to a denial of federal benefits that includes FCC benefits pursuant to that section. For the definition of a "party" for these purposes, see 47 C.F.R. Section 1.2002(b).

☒ Yes ☐ No

2. I certify that the statements in this application are true, complete, and correct to the best of my knowledge and belief, and are made in good faith.

Name ELLEN J. RUBIN	Signature 	
Title VICE PRESIDENT AND SECRETARY	Date 7/22/2013	Telephone Number 7813488600

WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND/OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION

FCC NOTICE TO INDIVIDUALS REQUIRED BY THE PRIVACY ACT AND THE PAPERWORK REDUCTION ACT

The solicitation of personal information requested in this application is authorized by the Communications Act of 1934, as amended. The Commission will use the information provided in this form to determine whether grant of the application is in the public interest. In reaching that determination, or for law enforcement purposes, it may become necessary to refer personal information contained in this form to another government agency. In addition, all information provided in this form will be available for public inspection. If information requested on the form is not provided, the application may be returned without action having been taken upon it or its processing may be delayed while a request is made to provide the missing information. Your response is required to obtain the requested authorization.

Public reporting burden for this collection of information is estimated to average 639 hours and 53 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden, can be sent to the Federal Communications Commission, Records Management Branch, Paperwork Reduction Project (3060-0627), Washington, D. C. 20554. Do NOT send completed forms to this address.

THE FOREGOING NOTICE IS REQUIRED BY THE PRIVACY ACT OF 1974, P.L. 93-579, DECEMBER 31, 1974, 5 U.S.C. 552a(e)(3), AND THE PAPERWORK REDUCTION ACT OF 1980, P.L. 96-511, DECEMBER 11, 1980, 44 U.S.C. 3507.

SECTION III - Page 2

9. Description of antenna system ((f directional antenna is used, the information requested below should be given for each element of the array. Use separate sheets if necessary.)

Type Radiator Uniform, cross-section, guyed tower (folded unipole) Folded Unipole	Overall height in meters of radiator above base insulator, or above base, if grounded. 98.5	Overall height in meters above ground (without obstruction lighting) 154	Overall height in meters above ground (include obstruction lighting) 154.5	If antenna is either top loaded or sectionalized, describe fully in an Exhibit. <div style="border: 1px solid black; padding: 2px; display: inline-block;">Exhibit No.</div>
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Excitation

☐

Series

☒

Shunt

Geographic coordinates to nearest second. For directional antenna give coordinates of center of array. For single vertical radiator give tower location.

North Latitude	40 °	28 '	37 "	West Longitude	074 °	29 '	33 "
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If not fully described above, attach as an Exhibit further details and dimensions including any other antenna mounted on tower and associated isolation circuits.

Exhibit No.

Also, if necessary for a complete description, attach as an Exhibit a sketch of the details and dimensions of ground system.

Exhibit No.

1

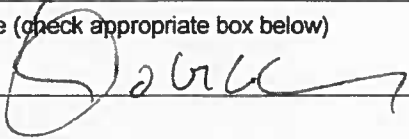
10. In what respect, if any, does the apparatus constructed differ from that described in the application for construction permit or in the permit?

None

11. Give reasons for the change in antenna or common point resistance.

Rebuild skirt wire feed of folded unipole.

I certify that I represent the applicant in the capacity indicated below and that I have examined the foregoing statement of technical information and that it is true to the best of my knowledge and belief.

Name (Please Print or Type) Robert W. Guill	Signature (check appropriate box below) 
Address (include ZIP Code) Khanna & Guill, Inc. Consulting Engineers 1203 Woodlea Mill Ct. McLean, VA 22102	Date 07/17/2013
	Telephone No. (Include Area Code) (703) 388-0022

☐

Technical Director

☐

Registered Professional Engineer

☐

Chief Operator

☒

Technical Consultant

☐

Other (specify)

EXHIBIT No.1

ENGINEERING REPORT RE
DIRECT MEASUREMENT OF POWER (AUXILIARY OPERATION)
WCTC, NEW BRUNSWICK, NEW JERSEY
1450 kHz - 0.25 kW Unlimited - ND
JULY 2013

Engineering Report of WCTC (auxiliary operation), New Brunswick, New Jersey

INTRODUCTION

This engineering report has been prepared on behalf of The Sentinel Publishing Co., licensee of radio station WCTC(AM), New Brunswick, New Jersey and is in support of a direct measurement of power application for the auxiliary operation (BXL-19890719AF). Following damages sustained during hurricane Sandy, WCTC recently rebuilt the wire feed skirt on the WMGQ(FM) tower which serves as the radiator for the WCTC auxiliary operation. Although no significant deviations were made to the antenna system, a change in the base resistance of the antenna was noted, necessitating this application.

The antenna base impedance measurements were conducted by Kurt Gorman of Phasetek, Inc. in July 2013. Mr. Gorman's qualifications are well documented in the FCC files. The new measured impedance of the WCTC shunt-fed antenna (folded unipole) is 55 ohms - j 158. The antenna base current for a power of 250 watts with an antenna resistance of 55 ohms is 2.13 amperes. The test equipment utilized was a Delta RG-4 (s/n 015) and Delta OIB-3 (s/n 546).

This instant application has been prepared in accordance with the applicable Commission's AM Rules and requests a modification of license for the WCTC(AM) auxiliary facilities. In addition, it is respectfully requested that the NAD-27 geographic coordinates shown on the license be corrected to reflect the proper conversion from the NAD-83 values associated with the antenna tower registration (ASR).